

## Job role: Junior Developer (work experience) - recruiting now for June 2nd 2018 start

As a Junior Developer (work experience) you would join one of our development teams and help us to develop some amazing bespoke software for a mental health charity. You would be gaining work experience with an organisation that exists to grow the community of software developers in Medway and to help reduce the developer skills gap.

At futureCodersSE CIC, our mission is:

- to **inspire** young adults to think about digital careers and to provide opportunities for them to prepare for them
- to **educate** young adults so that they are able to design, write and test programs for computerised devices
- to **provide rich, project-based work experience** through which young adults can develop coding skills and soft skills and become ready for employment
- to **certify** the achievement of a level of skills and responsibilities measured against a known skills framework.

Our work experience programme for school and college students has two main aims:

- to provide rich, meaningful, work experience for budding young software developers while still in full-time college/school education.
- to develop low cost, socially purposeful, software for charities, non-profits and early stage startups

We can help you to gain valuable work experience in software development to help you to progress into a career as quickly and as smoothly as possible on leaving school/college. This might be through gaining direct employment at 18, through taking up an apprenticeship or through continuing with your education.

Our work experience programme involves setting up a development project team for a minimum of 3 months with a professional lead, one or two volunteers and four to six junior developers (work experience). This team works together every Saturday and one evening during the week to develop some bespoke software for a charity, community group or open source project. **We are currently recruiting for our next project, starting on June 2nd 2018. This project is a complete rebuild of our own website as a content-based app in order to build our capacity to do this type of work for other non-profits.** The [futurecoders.org.uk](http://futurecoders.org.uk) website gives further information on the programme.

## Job role - Junior Developer (work experience) - June project:

This is a unique opportunity for you to gain work experience, working on projects developing apps for the third sector. This kind of work experience can increase your chances of employment as a developer in the near future and will certainly help you to build your skills to a level useful in any job. Our charity, non-profit, and social start-up clients have limited funds but deserve good quality software. We want to build apps of the highest quality and, at the same time, give college/sixth-form students like you an opportunity to work with our volunteers and professional lead developer.

Your work experience with us will really make a difference.

### Your role:

- work with the project's lead developer to understand the requirements and help develop the software for the client, under guidance from the technical lead and volunteers
- follow good practice, including test-driven development, techniques
- show commitment, positive attitude and good practice
- have your code reviewed by our volunteers
- pair program with volunteers and other junior developers
- ensure the quality of your own code helps to ensure that all developed software is of high quality and meet its purpose for the client
- follow current working practices and methodologies for participating in software projects.

### Key qualities

You will be:

- a good communicator
- a keen programmer
- eager to learn (our projects are diverse but currently we are working with Java, React and Amazon Web Services, especially the Lex voice system and the API gateway)
- able to accept and give constructive criticism and positive feedback

**Please note:** You will be a full member of our development team and **must be able to work with us in our Chatham office on a Saturday and Monday evening each week.** Some remote working will also be required.

**Benefits:** We can pay travel expenses if necessary and you will have occasional opportunities to attend tech events and to take part in networking events. This opportunity will add valuable experience and examples to your personal portfolio and will earn you a recommendation for your contribution.

### The application process:

- complete the application form (<https://goo.gl/forms/XYFbEcO3KFydcVbV2>)
- be prepared to demonstrate some code that you have written outside the school/college environment
- attend an interview

- potentially, attend a selection event to work on some code in a small group.